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# WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

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March 17, 2011

TO: Internal File

THRU: James D. Smith, Permit Supervisor *JS 2/24/11*

FROM: April A. Abate, Environmental Scientist III *Qaew 3-17-2011*

RE: 2010 3rd Quarter Water Monitoring, Savage Services Corporation, Savage Coal Terminal, C/007/0022, Task #3634

The Savage Coal Terminal is an operating coal loadout where coal is crushed, screened, blended, and then loaded onto rail transport. Pertinent water monitoring requirement information is in the MRP in Section 731.200.

1. Was data submitted for all of the MRP required sites? YES ☒ NO ☐

## Springs –

The Permittee is not required to monitor any springs at the Savage Coal Terminal. There are no springs to monitor at the Savage coal terminal site.

## Streams –

Stream site CV-14-W is required to be monitored during the 2<sup>nd</sup> and 4<sup>th</sup> quarters of each year.

CV-14-W was not sampled during the 3<sup>rd</sup> quarter.

## Wells–

There are three groundwater monitoring wells at the site: S-1-GW, S-2-GW, and CV-1-W.

As of 3rd quarter 2010, the MRP states that all wells will be monitored during the second and forth quarter only. However, wells S-1-GW and S-2-GW were monitored on September 28, 2010.

Well S-1-GW was dry.

**UPDES**

There is one active UPDES outfall at the Savage Coal Terminal, CV-15-W, or UTG040005-001. The Permittee is required to monitor this UPDES site monthly under Permit # UTG040005 that is due to expire on April 13, 2013.

The location was monitored monthly during the 3rd quarter. The Permittee recorded no flow at the UPDES point during the period.

2. **Were all required parameters reported for each site?** YES ☒ NO ☐
3. **Were any irregularities found in the data?** YES ☐ NO ☒
4. **On what date does the MRP require a five-year re-sampling of baseline water data.**

The permit renewal was issued on August 6, 2010. The permittee has committed to collecting baseline samples once every 5 years. The next scheduled baseline sampling is 4<sup>th</sup> quarter of 2013.

5. **Based on your review, what further actions, if any, do you recommend?**

Two groundwater monitoring wells were sampled during the 3<sup>rd</sup> quarter. Please note that groundwater monitoring wells are only required to be monitored during the 2<sup>nd</sup> and 4<sup>th</sup> quarter of each year.